

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10598951
Filing Date	2006-09-15
First Named Inventor	Shelley D. Minteer
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	SLU 03-022(4556.8)

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	1	4117202		1978-09-26	Beck, Timothy	
	2	4224125	B1	1980-09-23	Nakamura et al.	
	3	4490464		1984-12-25	Groton et al.	
	4	4705503		1987-11-10	Dorman et al.	
	5	4761209		1988-08-02	Bonaventura et al.	
	6	5211984		1993-05-18	Wilson, Mahlon S.	
	7	5262035		1993-11-16	Gregg et al.	
	8	5262305		1993-11-16	Heller et al.	

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9	5264092		1993-11-23	Skoltheim et al.	
10	5264105		1993-11-23	Gregg et al.	
11	5320725		1994-06-14	Gregg et al.	
12	5356786		1994-10-18	Heller et al.	
13	5393615		1995-02-28	Corey et al.	
14	5521101		1996-05-28	Saini et al.	
15	5593852		1997-01-14	Heller et al.	
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17	5718947		1998-02-17	Martin et al.	
18	6294281	B1	2001-09-25	Heller, Adam	
19	6294291	B1	2001-09-25	Ozaki et al.	

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20	6387625		2002-05-14	Eckhardt et al.	
21	6460733	B2	2002-10-08	Acker et al.	
22	6500571	B2	2002-12-31	Liberatore et al.	
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	3	20020127440	A1	2002-09-12	Yamamoto et al.	
	4	20030027023	A1	2003-02-06	Dutil et al.	
	5	20030039868	A1	2003-02-27	Liberatore et al.	

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6	20030087144	A1	2003-05-08	Sun et al.	
7	20030148169	A1	2003-08-07	Wilner et al.	
8	20030164335	A1	2003-09-04	Grate et al.	
9	20030198858	A1	2003-10-23	Sun et al.	
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11	20040121018	A1	2004-06-24	Grate et al.	
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**FOREIGN PATENT DOCUMENTS**

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	1	0300082	EP	A	1989-01-25	Bridgestone Corporation		<input type="checkbox"/>
	2	0022688	WO	A3	2000-04-20	Sarnoff Corporation		<input type="checkbox"/>

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	3	03106966	WO	A2	2003-12-24	Therasense, Inc.	<input type="checkbox"/>
	4	04079848	WO	A	2004-09-16	Yissum Research Development Company of the Hebrew	<input type="checkbox"/>

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	1	BLAEDEL et al. "Study of the Electrochemical Oxidation of Reduced Nicotinamide Adenine Dinucleotide" Analytical Chemistry 47:1337-1338 (1975).	<input type="checkbox"/>
	2	CHEN et al. "A miniature biofuel cell" Journal of American Chemical Society 123:8630-8631 (2001).D	<input type="checkbox"/>
	3	DAVIS et al. "Bioelectrochemical Fuel-Cell and Sensor Based on a Quinoprotein, Alcohol-Dehydrogenase" Enzyme and Microbial Technology, 5:383-388 (1983).	<input type="checkbox"/>
	4	FREBORTOVA et al., "Intramolecular Electron Transport in Quinoprotein Alcohol Dehydrogenase of Acetobacter Methanolicus: A Redox-titration Study" Biochimica et Biophysica Acta, 1363:24-34 (1998).	<input type="checkbox"/>
	5	GREEN et al., "Inversion of the Substrate Specificity of Yeast Alcohol Dehydrogenase" Journal of Biological Chemistry, 268:7792-7798 (1993).	<input type="checkbox"/>
	6	KIM et al. "A Miniature Membrane-less Biofuel Cell Operating Under Physiological Conditions at 0.5V" Journal of Electrochemical Society, 150(2):A209-A213 (2003).	<input type="checkbox"/>
	7	LEONIDA et al. "Co-electropolymerization of a Viologen Oligomer and Lipoamide Dehydrogenase on an Electrode Surface. Application to Cofactor Regeneration" Bioorganic & Medicinal Chemistry Letters, Oxford, GB, 6(4):1663-1666 (1996).	<input type="checkbox"/>

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8	PALMORE et al. "A Methanol/Dioxygen Biofuel Cell that Uses NAD <sup>+</sup> -Dependent Dehydrogenases as Catalysts: Application of an Electro-Enzymic Method to Regenerate Nicotinamide Adenine Dinucleotide at Low Overpotentials" Journal of Electroanalytical Chemistry, 443:155-161 (1998). <input type="checkbox"/>
9	PLOTKIN et al. "Methanol Dehydrogenase Bioelectrochemical Cell and Alcohol Detector" Biotechnology Letters, 3 (4):187-192 (1981). <input type="checkbox"/>
10	SCHRENK et al., "Effect of Mixture Casting Nafion® with Quaternary Ammonium Bromide Salts on the Ion-Exchange Capacity and Mass Transport in the Membranes" Journal of Membrane Science, 205:3-10 (2002). <input type="checkbox"/>
11	TAYHAS et al., "Microbial and Enzymatic Biofuel Cells" in ACS Symposium Series, 566:271-290 (1994). <input type="checkbox"/>
12	THOMAS et al. "Effects of Annealing on Mixture-Cast Membranes of Nafion® and Quaternary Ammonium Bromide Salts" Journal of Membrane Science, 213:55-66 (2003). <input type="checkbox"/>
13	WORTHINGTON, V, "Worthington Alcohol Dehydrogenase" Worthington Enzyme Manual 16:1-22 (1988) <a href="http://www.worthington-biochem.com/ADH/default.html">http://www.worthington-biochem.com/ADH/default.html</a> <input type="checkbox"/>
14	YUE et al. "Enzymatic Oxidation of C1 Compounds in a Biochemical Fuel Cell" Chemical Engineering Journal, 33B: B69-B77 (1986). <input type="checkbox"/>
15	ZHOU et al., "The Electrochemical Polymerization of Methylene Green and its Electrocatalysis for the Oxidation of NADH" Analytica Chemica Acta, 329:41-48 (1996). <input type="checkbox"/>

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That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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See attached certification statement.  
 Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.  
 None

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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Janet S. Hendrickson/	Date (YYYY-MM-DD)	2007-01-18
Name/Print	Janet S. Hendrickson, Ph.D.	Registration Number	55,258

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